

Name _____

Analyze Strategies: Work Backward

Work backward or use any strategy to help solve.

1. Tom made a raspberry smoothie with 12 ounces of milk and some raspberry ice cream. He divided the mixture into four 6-ounce glasses with 2 ounces left over. How much raspberry ice cream did he use? _____

2. Tia made a sandwich with some ham and 2 slices of bread that each weighed 2 ounce. She weighed the sandwich and found it weighed 7 ounces. How much ham did she use? _____

3. Todd mixed 20 ounces of tomatoes with taco sauce. He used 6 ounces of the mixture per taco and made a total of 12 tacos. He had 6 ounces of the mixture left over. How much taco sauce did he use? _____

4. Nicole played cards with her brother. She won 6 times as many games as she lost. Nicole won 18 games. If there were no ties, how many games did Nicole play? _____

5. Joe spent \$22. Then he had 1 ten-dollar bill and 3 five-dollar bills left in his wallet. How much money did he start with? _____

Answer Key

Analyze Strategies: Work Backward

Work backward or use any strategy to help solve.

1. Tom made a raspberry smoothie with 12 ounces of milk and some raspberry ice cream. He divided the mixture into four 6-ounce glasses with 2 ounces left over. How much raspberry ice cream did he use?

14 oz

2. Tia made a sandwich with some ham and 2 slices of bread that each weighed 2 ounces. She weighed the sandwich and found it weighed 7 ounces. How much ham did she use?

3 oz

3. Todd mixed 20 ounces of tomatoes with taco sauce. He used 6 ounces of the mixture per taco and made a total of 12 tacos. He had 6 ounces of the mixture left over. How much taco sauce did he use?

58 oz

4. Nicole played cards with her brother. She won 6 times as many games as she lost. Nicole won 18 games. If there were no ties, how many games did Nicole play?

21 games

5. Joe spent \$22. Then he had 1 ten-dollar bill and 3 five-dollar bills left in his wallet. How much money did he start with?

\$47